

**Notice of Allowability**

Application No.

09/682,229

Applicant(s)

ROSENHOLTZ ET AL.

Examiner

Art Unit

Kyle R. Stork

2178

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to after-final remarks filed 27 February 2006.
2. ☒ The allowed claim(s) is/are 1-3,6-22,25-28 and 30-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                    |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>20060327-2</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>10.03.06</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                               | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                           |
|  | 9. <input type="checkbox"/> Other _____.   |

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kentaro Higuchi on 27 March 2005.

The application has been amended as follows:

1. (Currently Amended) A method for generating an enhanced thumbnail associated with a document, comprising:

obtaining a document comprising a plurality of elements;

generating a reduced-size representation of the document; and

modifying an appearance of at least one visible element of the plurality of elements relative to other visible elements of the plurality of elements in the reduced-size representation,

wherein modifying the appearance of the at least one visible element comprises automatically overlaying an overlay element on or near the reduced-size representation in association with the at least one visible element based on importance of the at least one visible element while at least a portion of the visible element remains visible, the overlay element comprising one or more of an enlarged version of the visible element, a zoom of the visible element, a callout visibly connected with the visible

element, a blurry text version of the visible element, and a perspective text version of the visible element.

16. (Currently Amended) A method for generating an enhanced thumbnail of a document, comprising:

obtaining a document comprising a plurality of elements;

modifying an appearance of at least one visible element of the plurality of elements in the document;

generating a reduced-size representation associated with the document, in which the modified at least one visible element retains a modified appearance relative to other elements of the document; and

modifying an appearance of at least one of the plurality of elements in the reduced-size representation after generating the reduced-size representation by automatically overlaying an overlay element on or near the reduced-size representation in association with the at least one visible element based on importance of the at least one visible element while at least a portion of the visible element remains visible, the overlay element comprising one or more of an enlarged version of the visible element, a zoom of the visible element, a callout visibly connected with the visible element, a blurry text version of the visible element, and a perspective text version of the visible element.

21. (Currently Amended) An apparatus for generating an enhanced thumbnail associated with a document, comprising:

a renderer that generates a reduced-size representation of the document;

and

a document format modifier that modifies an appearance of at least one visible element of a plurality of elements of a document while the at least one element is in a document format,

wherein the document format modifier modifies the appearance of the at least one visible element in the reduced-size representation by automatically overlaying an overlay element on or near the reduced-size representation in association with the at least one visible element based on importance of the at least one visible element while at least a portion of the visible element remains visible, the overlay element comprising one or more of an enlarged version of the visible element, a zoom of the visible element, a callout visibly connected with the visible element, a blurry text version of the visible element, and a perspective text version of the visible element.

28. (Currently Amended) An apparatus for generating an enhanced thumbnail associated with a document, comprising:

a renderer that generates a reduced-size representation of the documents; and

an image modifier that modifies an appearance of at least one visible element in the reduced-size representation, wherein the image modifier identifies at least one element of the plurality of visible elements as an important element, and modifies the appearance of the important element by automatically overlaying a modified version of the important element on or near the reduced-size representation based on importance of the at least one visible element while at least a portion of the visible element remains visible, the modified version comprising one or more of an

enlarged version of the visible element, a zoom of the visible element, a callout visibly connected with the visible element, a blurry text version of the visible element, and a perspective text version of the visible element.

2. The following is an examiner's statement of reasons for allowance: The prior art neither discloses nor anticipates modifying the appearance of a reduced-sized representation of a document with visible overlay elements displaying both the original element and the modified element.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyle R. Stork whose telephone number is (571) 272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kyle Stork  
Patent Examiner  
Art Unit 2178



**STEPHEN HONG**  
**SUPERVISORY PATENT EXAMINER**

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